

Bad Breath

"For months I had great trouble with my stomach and used all kinds of medicines. My tongue has been actually as green as grass, my breath having a bad odor. Two weeks ago a friend recommended Cascarets and after using them I can willingly and cheerfully say that they have entirely cured me. I therefore let you know that I shall recommend them to any one suffering from such troubles."—Chas. H. Halpern, 114 E. 7th St., New York, N. Y.

Must Keep Awake.
"When you give a job of work to do, say, 'Uncle Eben, don't imagine you're a chicken on a roost' and 'kin hold yoh position by 'gine fas' asleep.'"—Washington Star.

Proof of Love.
"So you think he's really in love, eh?"
"No doubt about it. Why, he thinks she's attractive in auto goggles."—Louisville Courier-Journal.

Where Women Err.
The trouble with a woman pretending to believe her husband when he tells a falsehood is that he is encouraged, instead of being ashamed.—Athens Globe.

Happy Day.
"Well, Johnny, do you wish you were a grown-up man?"
"You bet I do."
"But why?"
"So people wouldn't ask me such fool questions."—Cleveland Leader.

Standing on His Rights.
Police Justice—Have you any way of making a living?
Vagrant—I hev, y'r honor. I kin make brooms.
Police Justice—You can? Where did you learn that trade?
Vagrant—I decline t' answer, y'r honor.

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COFFEE
TEA SPICES
BAKING POWDER
EXTRACTS
JUST RIGHT
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Should remember that our force is so arranged that we can do their entire crown, bridge and plate work in a day if necessary. POSITIVELY PAINLESS EXTRACTING FREE when plates or bridges are ordered. WE REMOVE THE MOST SENSITIVE TEETH AND ROOTS WITHOUT THE LEAST PAIN. NO STUDENTS. NO UNCLE TOMS.
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Grain Ration for Swine.
It is much the best economy to furnish swine a grain ration when they are on pasture, as it results in better gains and a better product. One man estimates that it takes from one-half to one-third less corn on alfalfa pasture than on a straight grain ration to make a hog ready for market. Many let the hogs run on alfalfa until about five or six months old, by which time they reach a weight of 75 to 125 pounds, feeding just a little grain; then they feed heavily for about two months and sell the hogs at eight months old weighing 200 to 220 pounds. One farmer who raises about a thousand hogs a year and who in one year sold \$11,200 worth, makes a practice of growing his hogs on alfalfa pasture until about eight months old, feeding one ear of corn per head daily. He then feeds heavily on corn for a month or two and sells at an average weight of 200 to 225 pounds. Another man feeds all the corn and slop the pigs will clean up, all the while grazing them on alfalfa pasture, and sells at six to eight months old at weights of 250 to 300 pounds. Another, who raises about a thousand head a year, feeds all the corn the pigs will eat, beginning shortly after weaning and continuing until the hogs are sold at ten to eleven months old, averaging 275 pounds.

Sanitary Milk Pails.
Much the larger proportion of milk is carried in wide-topped, uncovered pails from the cow to the strainer, a distance of 25 to 100 feet, across a cowyard, under a hay loft, or past a manure pile, thus exposing a large surface of warm milk, which absorbs all kinds of undesirable odors and collects dirt and dust.

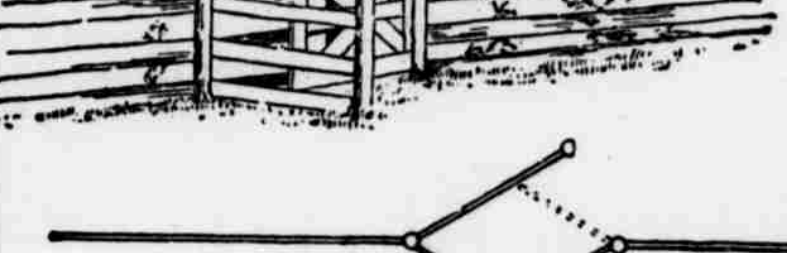
Galvanized iron is something used for milk pails, but it is not best, for the rough surfaces afford hiding places for bacteria. Wooden vessels should not be used for holding milk, for it is almost impossible to keep them clean. Besides imparting a metallic flavor to milk, rusty tinware is objectionable because it is impossible to keep it clean. Good tin is the only practicable material for milk vessels, and it must be kept shiny and bright.

The most important thing in producing milk is to keep the dirt out. This can only be done by carefully grooming the cows and by using a sanitary pail, two of which are shown here. There are several types of these pails, but they all have the same principle. There is a cover with a small opening, under which is fastened a cheesecloth strainer. The one with

DOUBLE PROTECTION. NO SPATTERING.

tallic flavor to milk, rusty tinware is objectionable because it is impossible to keep it clean. Good tin is the only practicable material for milk vessels, and it must be kept shiny and bright.

Thistle as Stock Food.
Stock of all kinds greatly relish the plants of the Russian thistle, which has fairly jumped out of the ground since the rains, and our Eastern plains are verand with it. Why not make hay of it? So palatable is the hay to



There are places where a common everyday gate is an utter nuisance and where a turnstile or some other gate substitute or contrivance is particularly convenient and welcome. With the arrangement herewith illustrated the gateway is always closed to animals, but men may pass through it without difficulty. The accompanying drawing will give a clear idea of the plan. The sketch is made to represent a very small gate, but to answer all purposes the wing panels and gate perhaps should be half a rod in length.

the spout strains the milk as it enters the pail, and also as it is poured out.—Farm and Home.

Saw Rats Freight an Egg.
After an investigation covering two weeks, William Krohbach of Danby, Pa., has learned the reason he has been receiving only two or three eggs a day from his flock of sixty hens, and incidentally found out something about the inventive capacity of rats.

One morning he heard a noise in his chicken house, and quietly making his way there, he saw two big rats in the act of making away with a newly-laid egg. One of the rodents was lying flat on its back with the egg tightly clutched in its four paws, while the other rat was dragging it along by the tail. Krohbach was so impressed by the sight that he watched the rodents for three minutes, during which time they carried the egg for twenty yards along the fence until they came to a hole in the ground, into which they took the egg. One of the rats became tired while carrying the egg and changed places with its fellow.

Ventilating Stables.
Horses and cows are in the stable at night for rest. When the weather is warm the atmosphere in close confinement becomes very warm and oppressive, so much so that the animals become very uncomfortable, and hence fail to get proper rest. The horse that does not get proper rest is not in a good condition for heavy work the following day, and the cow that does not sleep in a cool, restful place in hot weather will not give a full flow of milk. The temperature of the working or producing animal must be kept normal to give best results. If there are no windows in your stables, cut out a number now and let light and fresh air come for the health and comfort of the animals. There is nothing like plenty of good fresh air in living and sleeping rooms, whether the rooms be for the occupancy of man or for animals. This holds good for both winter and summer.

Spraying Experiments.
Experiments with fungicides upon potatoes have been carried on at the Vermont Experiment Station for eighteen years. Experiments made recently were designed particularly to determine the relative gain from spraying potatoes with bordeaux mixture and paris green, comparing the results from two, three and four applications. Two applications of bordeaux mixture made in August proved less efficient in checking the flea beetle and early blight than where other applications were made, particularly the spraying made in early July. The increase in marketable tubers for the sprayed over the unsprayed lots varies from 52 to 172 per cent.

Utilizing Farm Waste.
Dr. Wiley, the chemist of the Department of Agriculture is making some interesting experiments at Washington in turning farm waste into wood alcohol, to be used as fuel and for manufacturing purposes. His experiments so far have been confined to corn and potatoes, but fodder is to be tried.

White Steamers Use Kerosene as Fuel



THE WHITE STEAMER WHICH MADE A SUCCESSFUL PUBLIC DEMONSTRATION OF KEROSENE AS FUEL ON THE RECENT 2650-MILE GLIDDEN TOUR.

The most interesting announcement ever made in connection with the automobile industry was undoubtedly that made a month or two ago to the effect that the new models of the White Steam Cars could be run on kerosene, or coal oil, instead of gasoline. Everyone at once recognized that the use of the new fuel would add materially to the advantages which the White already possessed over other types of cars. There were some people, however, who were sceptical as to whether or not the new fuel could be used with complete success and, therefore, the makers of the White Car, the White Company, of Cleveland, Ohio, determined to make a public demonstration of the new fuel in the 1909 Glidden Tour.

From the standpoint of the public, no test more satisfactory could have been selected. First of all, the distance covered on the Glidden Tour, from Detroit to Denver and thence to Kansas City, was 2650 miles. This was certainly more than sufficient to bring out any weaknesses, if such had existed. Still more important was the fact that the car was at all times while on the road under the supervision of observers, named by those who entered other contesting cars. Therefore, it would have been impossible for the driver of the White to have even tightened a bolt without the fact being noted and a penalty inflicted. At night the cars were guarded by Pinkerton detectives and could not be approached by any one.

The complete success of the new fuel while on this 2650-mile public test and the advantages gained through its use were well described in the following dispatch which the correspondent of the New York Sun sent to his paper at the conclusion of the tour:
"A feature of the tour which was watched with special interest was that the White Steamer used kerosene, or 'coal oil,' as fuel instead of gasoline. The new fuel worked splendidly throughout the 2650-mile journey, and all claims made in its behalf were fully proven. First of all, as regards cheapness, the White driver secured kerosene all along the route from 6 cents to 10 cents cheaper per gallon than was paid for gasoline. Secondly, the new fuel was handled without any precautions, and it was not unusual to see kerosene being poured into the fuel tank while the crew of the car and an interested crowd stood by with lighted cigars and cigarettes. At the finish of the tour, the White was the only car permitted by the authorities to enter Convention Hall, where the technical examination took place, without draining its fuel tank. Thirdly, the new fuel proved to be absolutely without smoke or smell. Fourthly, kerosene could be purchased at whatever part of the route was most convenient, and not once during the trip through the ten States of the Middle West was there found a grocery store where kerosene was not readily and cheaply obtainable. Finally, the

amount of fuel used on the trip showed that kerosene is at least fifteen per cent more efficient, gallon for gallon, than gasoline. The car in other respects made a most creditable showing, and there was the usual rivalry among the observers to be assigned to the White so that they could ride with the maximum of comfort. The only adjustments or repairs charged against the car during the long trip were tightening a lubricator pipe and wiring a damaged mud guard. These penalties were not inflicted until more than 2000 miles had been completed with an absolutely perfect score."

A particularly interesting feature of the new White Steamer is that either kerosene or gasoline may be used as fuel. The necessary adjustments so that the fuel may be changed from kerosene to gasoline, or vice versa, may be made in a couple of minutes; but so completely successful has kerosene proven to be, that it is not believed that any purchasers will care to use gasoline.

The White Company report that the demands for their new steam cars—both the \$2000-model and the \$4000-model—exceed their most sanguine expectations. It is evident that the combination of steam—the power which everyone understands and has confidence in—with kerosene—the fuel which everyone has on hand and can handle without any danger—is thoroughly appreciated by up-to-date purchasers of automobiles.

Rare Experience.
Sunday School Teacher—Now, Danny, what do you understand by "righteous indignation"?
Danny—Gettin' mad without sayin' any cuss words.—Boston Transcript.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

In Paris there are thirty-two miles of underground railways, which carry 35,000 passengers a day. Twenty-five miles more road are under consideration.

Strong Winds and Sand Storms cause granulation of the eyelids. PETTIT'S EYE SALVE soothes and quickly relieves, 25c. All druggists or Howard Bros., Buffalo, N. Y.

Remmed In.
Rankin—Why don't you open a savings account?
Fyle—I guess I'll have to; they've shut down on me where I've been running a spending account.

Realistic.
Maybelle—That tall, slender chap went on the stage made up as a woman?
Gladys—Strictly up to date. You know, he hasn't any hips.

Cost Too Much.
Meenister—And why didn't ye come to the kirk last Sabbath? Sandy—I had nowt but a shillin' in my claes. That's ower muckle siller to pit in th' contribution box all at ain time.—Cleveland Leader.

Impossible Now.
"There's a funny item in this paper about an Ohio man refusing an offer of a fat consubship."
"Where? Let me see it."
"There it is."
"O, you ninnys. Don't you see the headline over that collection of items? 'Happenings of Fifty Years Ago.'"
Chicago Tribune.

Mutton in Mourning.
Butcher—What can I send up to-day, Mrs. Styles?
Mrs. Styles—Send me up a leg of mutton, and be sure that it is from a black sheep; we are in mourning, you know.—Red Hen.

Wrong Kind of Cook.
Mistress—Jane, I can't have you entertaining company in my kitchen all the time.
New Cook—Faith, an' it do be your own fault, ma'am. Yes should 'ave advertised for a plain cook.—Puck.

In Bad Company.
"Surrender, in the name of the Great Jehovah and the Continental Congress," demanded Ethan Allen when Ticonderoga fell. Congress was then in much better company than it is now.—Detroit News.

Out of 6,500 members of the London Diocesan Church Lads' Brigade over 3,000 attended the annual service at St. Paul's cathedral.

Well Supplied.
"I find it hard to kill time," declared the pampered pet. "I only have my music, you know. How do you manage?"
"Oh, I do very well," answered the other girl. "In addition to my music, I have my sweeping, my dusting, my sewing and my dishwashing."—Louisville Courier Journal.

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A pure phosphate baking powder that does all that the high priced baking powders will do and does it better. It raises the dough and makes lighter, sweeter and better risen foods. Sold by grocers 25c per pound. If you will send us your name and address, we will send you a book on health and baking powder.
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THE OIL THAT PENETRATES

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is constantly increasing. The big creamery companies are constantly on the lookout and are offering good prices. A great many dairymen are buying more cows instead of trying to get all the profits possible out of those they now have. They seem to think about all that they can do is to run the milk through a cream separator, never stopping to consider whether the cream separator is doing its duty as it should. If its an old-fashioned, out-of-date or cheap machine it can't get all the butterfat—it wasn't intended to. Your dairy profits can be increased from 5 to 25 per cent by the use of
A NEW IOWA CREAM SEPARATOR
The Separator that has won recognition by the three best experts, St. Louis, Portland and Jamestown, and has the endorsement of all the leading dairy experts. Its use actually means the saving of a great amount of cream. It also means that your cream makes better butter and never has that separator taste peculiar to cream skimmed by other machines. This is because the Iowa is so easily cleaned and never becomes choked up with fifth and dirt. Among its many advantages are these—wait-low supply can be changed gearing; ease of operation; adjustable crank; neat appearance; interchangeable parts, etc. IT IS POSITIVELY THE CLOSEST SKIMMER ON THE MARKET. Send for catalogue.
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